

### • Applications

High voltage radial parts (2,5mm & 5mm pitch) easy to place on standard PC boards and minimize the occupied space



### • Electrical Parameters

**Electrical Characteristics** at + 25°C unless otherwise specified  
**Operating Temperature** - 55°C, + 125°C  
**Temperature Coefficient** ± 15% with 0Vdc applied  
**Dissipation Factor** ≤ 0.025 at 1Vrms and 1kHz (or 1MHz)

**Insulation Resistance (IR)**  
 25°C/Un 10<sup>5</sup> MOhm or 1000 Ohm-Farad whichever is less  
 125°C/Un 10<sup>4</sup> MOhm or 100 Ohm-Farad whichever is less  
**Dielectric Strength Test**  
 1.5Un + 100V for 5s with 50mA max charging current

### • Quick Reference Data

	SRMC31	SRMC32	SRMC41	SRMC43	SRMC44
200V	100pF - 47nF	100pF - 220nF	100pF - 220nF	100pF - 1μF	100pF - 1.2μF
500V	100pf - 22nF	100pF - 47nF	100pF - 47nF	100pF - 390nF	100pF - 560nF

### • Ordering Information

SRMC41	Y	101	K	C	V	XX
STYLE	DIELECTRIC	CAPACITANCE	TOLERANCE	VOLTAGE	PACKAGING	SPECIAL REQUIREMENT
SRMC31 SRMC41	Y = X7R	Expressed in picofarads (pF). The first two digits are significant, the third digit give the number of noughts. Example : 102 = 1000pF	J = ± 5% K = ± 10% M = ± 20%	C = 200V E = 500V	V = Bulk	

### • Dimensions in millimeters

SRMC Style	SRMC31	SRMC32	SRMC41	SRMC43	SRMC44
Lead spacing ± 0,76 mm	2.54	2.54	5.08	5.08	5.08
Height (H) max	3.81	5.1	5.1	6.5	7.6
Length (L) max	5.1	5.1	5.1	6.5	7.6
Thickness (T) max	2.5	3.2	3.2	3.2	3.2
Leads diameter nominal	0.6	0.6	0.6	0.6	0.6

